

L15 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2002 ACS
 AN 1990:535573 HCAPLUS
 DN 113:135573
 TI Fuel for cigarette lighters
 IN Tamura, Takemi
 PA Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM C10L003-00
 ICS F23K005-00; F23Q002-34
 CC 51-12 (Fossil Fuels, Derivatives, and Related Products)
 Section cross-reference(s): 50

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01311191	A2	19891215	JP 1988-140822	19880608
AB	Butane-contg. fuel gas for cigarette lighters comprises >1 fragment substances, e.g., <u>limonene</u> , <u>limonene-contg. lemon oil</u> , <u>orange oil</u> , <u>grapefruit oil</u> , etc., and/or .gtoreq.1 solvents selected from isoalkane hydrocarbon oils and di-Et phthalate.				
ST	cigarette lighter fuel gas butane; limonene fragrant lighter gas; lemon oil fragrant lighter gas; orange oil fragrant cigarette lighter; grapefruit oil fragrant lighter gas; isoparaffin solvent fragrant lighter gas; phthalate solvent fragrant lighter gas				
IT	Igniters and Lighters (butane-contg. gases for, contg. fragrant substances and solvents)				
IT	Oils, essential RL: USES (Uses) (lime, fuel contg. butane and, for cigarette lighters)				
IT	Oils, essential RL: USES (Uses) (orange, sweet, fuel contg. butane and, for cigarette lighters)				
IT	84-66-2, Diethyl phthalate 88-41-5 99-49-0, Carvone 103-54-8, Cinnamyl acetate 105-37-3, Ethyl propionate 105-54-4, Ethyl n-butyrate 105-87-3, Geranyl acetate 106-27-4 106-32-1, Ethyl caprylate 108-64-5, Ethyl isovalerate 109-19-3, n-Butyl isovalerate 123-92-2, Isoamyl acetate 124-13-0, Octyl aldehyde 138-86-3, Limonene 140-11-4, Benzyl acetate 141-97-9, Ethylaceto acetate 150-84-5, Citronellyl acetate 547-63-7, Methyl isobutyrate 629-80-1, Hexadecanal 659-70-1, Isoamyl isovalerate 4940-11-8, Ethyl maltol 5392-40-5, Citral 5999-95-1, Linoleyl acetate 6728-26-3, Leaf aldehyde 7452-79-1, Ethyl-2-methyl butyrate 35154-45-1, cis-3-Hexenyl isovalerate RL: USES (Uses) (fuel contg. butane and, for cigarette lighters)				
IT	106-97-8, Butane, uses and miscellaneous RL: USES (Uses) (fuel, contg. fragrance , for cigarette lighters)				

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